

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A collaboration commerce trading method completing configure-to-order (CTO) production by ordering a commodity through a network and providing transmissions and responses of the ordering information, the method comprising the steps of:

a customer ordering a commodity through a web page;
transmitting the commodity ordering information to a collaboration server;
transmitting the commodity ordering information through the collaboration server to a plurality of enterprise resource planning (ERP) servers, which include:

a bill of material (BOM) module, ~~which configures the~~ configuring basic initial data related to said commodity ordering information to open product types and the BOM for manufacturing products;

a sales order (SO) module, ~~which opens opening~~ basic initial data, ~~lists-listing~~ a customer-end price list, and ~~has the function of~~ automatically generating an SO;

a work order (WO) module, ~~which automatically opens-opening~~ a WO, ~~obtains~~ obtaining material configuration information from an ATP server, and ~~generates~~ generating an E-mail to the customer, checking the preparation status of materials;
and

a product order (PO) module, ~~which maintains~~ maintaining HDI (host digital interface) standards;

wherein the plurality of ERP servers connect via an ERP back bone to:

a shop floor control system (SFCS) server;
an available to promise (ATP) server; and

a strategy support server;
executing the integrated operation of the plurality of ERP servers to generate a customized table list; and
returning the customized table list for the customer to confirm.

2. (Original) The method of claim 1, wherein the design of the web page includes a mechanism for checking the credit history of the customer and an electronic ordering system (EOS).

3. (Original) The method of claim 2, wherein the EOS provides a commodity catalog, commodity descriptions and commodity prices.

4. (Currently Amended) The method of claim 1, wherein the collaboration server hyperlinks to the a host supplier server of the commodity.

5 - 6. (Cancelled)

7. (Currently Amended) The method of claim ~~5~~1, further comprising an SFCS backbone connecting to the data warehouse (WS) and server of the SFCS.

8. (Currently Amended) The method of claim ~~5~~1, wherein the SFCS server provides searches of the WOs.

9. (Currently Amended) The method of claim-~~5~~1, wherein the ATP server is used to retrieve supply/demand status information from the ERP servers.

10. (Currently Amended) The method of claim-~~5~~1, wherein the strategy support server provides the strategies and controls for the collaboration commerce (CC).

11. (Currently Amended) The method of claim-~~5~~1, wherein the data format in the strategy support server can be stored and queued in the principle of first in first out (FIFO).

12. (Currently Amended) The method of claim 1 further comprising an HDI back bone connecting ~~the~~ supply chain of a ~~the~~ host server, ~~the~~ supply ~~chains~~ chain data of up-, mid-, downstream suppliers, and a hub.

13. (Original) The method of claim 12, wherein the supply chain data are stored in each end machine.

14. (Currently Amended) A method completing configure-to-order (CTO) production by ordering a commodity through a network and providing available to promise (ATP) transmissions and responses of the ordering information, the method comprising the steps of:

obtaining a customer's demand information from a server-end web ordering server;

obtaining supply information of a product from an enterprise resource planning (ERP) server, which ~~include~~ includes:

a bill of material (BOM) module, ~~which configures~~ configuring the basic initial data related to said ordering information to open product types and the BOM for manufacturing products;

a sales order (SO) module, ~~which opens~~ opening basic initial data, lists a customer-end price list, and ~~has the function of~~ automatically generating an SO;

a work order (WO) module, ~~which automatically opens~~ opening the a-WO, ~~obtains~~ obtaining material configuration information from ~~the an~~ ATP server, and ~~generates~~ generating an E-mail to the customer, checking the preparation status of materials; and

a product order (PO) module, which maintains ~~the~~ HDI (Host Digital Interface) standards;

wherein the ERP server connects via an ERP back bone to:

a shop floor control system (SFCS) server;

~~an the~~ available to promise (ATP) server; and

a strategy support server;

transmitting ~~the supply/demand~~ information to ~~an the~~ available to promise (ATP) server;

the ATP server executing a supply/demand configuration ;

providing a confirmed sales order (SO) to the customer when the ATP server completes the supply/demand configuration; and

estimating an ATP date to the customer when the ATP server cannot complete the supply/demand configuration.

15. (Currently Amended) The method of claim 14, wherein the customer's ~~request~~ demand information includes customer order confirmation information comprising a PO of the customer, a product and quantity ordered, a price and a currency exchange rate, a shipping method/charge, and an ordering date/shipping days/normal arrival date.

16. (Original) The method of claim 14, wherein the product supply information comprises a customer-end price list, main items in an BOM module, configuration items, conflixtions, and a currency exchange rate.

17. (Currently Amended) The method of claim ~~14~~ 15, wherein the order confirmation information further comprises configured result information.